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STEREO CHIP COMPARATOR



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For The Period Of  
October 7, 1963 through December 7, 1963

Declass Review by NIMA / DoD



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REPORT

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The progress status as of this date is as follows:

Up to the present, a total of 210 details, sub-assemblies and main assembly drawings have been released to purchasing and manufacture. They include all castings and other long term items involved in this instrumentation, most of which have been delivered and are presently in inspection by quality control. Some of the items not released by engineering as yet are those pertaining to the control system and the interferometer installation, partly because we have not received any of the equipment to be supplied by the Government.

Others are those pertaining to the vacuum system such as final location of vacuum lines, negative pressure controls and the  control panel. There are a few engineering items still remaining, such as up-dating of some drawings and the design of some small sheet metal covers, which however, does by no means retard general manufacture. STAT

What did retard general manufacture to quite an extent was; firstly, the delay in receiving the castings at the promised time with a subsequent loss of at least three to four weeks of manufacturing time and secondly, the necessity of having to reject some of the castings due to errors on part of the foundries. Due to unanticipated backlogs on part of our vendors, delivery of high precision items on order extends itself throughout the month of December with some essential items not to be expected before January 13, 1964, which means that such an item cannot be expected to be released by quality control until January 20, 1964.

Even so, some assemblies will require subsequent lapping operations, accurate to 0.00005 inch, a time consuming operation.

In view of the above, delivery is anticipated by the end of February 1964.